

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/30209

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : C12Q 1/68; C12P 19/34; C07H 21/04

US CL : 435/6, 91.1, 91.2; 536/24.3, 24.33

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 435/6, 91.1, 91.2; 536/24.3, 24.33

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
Please See Continuation Sheet

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	RAO et al. Comparative Nucleotide and Amino Acid Sequence Analysis of the Sequence-Specific RNA-Binding Rotavirus Nonstructural Protein NSP3. Virology. 1995, Vol. 207, pages 327-333.	7-9
Y		1-6 and 10
Y	MACKAY et al. Real-time PCR in virology. Nucleic Acids Research. 2002, Vol. 30, No. 6, pages 1292-1305.	1-6 and 10
X,T	PANG et al. Increased Detection of Rotavirus Using a Real Time Reverse Transcription-Polymerase Chain Reaction (RT-PCR) Assay in Stool Specimens From Children With Diarrhea. Journal of Medical Virology. 2004, Vol. 72, pages 496-501.	1-10
A	SCHWARTZ et al. Detection and quantitation of group A rotavirus by competitive and real-time reverse transcription-polymerase chain reaction. Journal of Virological Methods. 2002, Vol. 105, pages 277-285.	1-10

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

* Special categories of cited documents:	
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier application or patent published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search

04 April 2005 (04.04.2005)

Date of mailing of the international search report

09 JUN 2005

Name and mailing address of the ISA/US

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International application No.
PCT/US04/30209

Continuation of B. FIELDS SEARCHED Item 3:
Commercial Database (NCBI Sequence Database)

Patent Databases

Search terms: SEQ ID Numbers 2, 3, and 4; rotavirus, real time PCR, quantitative pcr, TaqMan, FET, and FRET.